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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known	
Application Number	09/096,593	
Filing Date	June 12, 1998	:
First Named Inventor	O'CONNOR, Stephen D.	
Art Unit	1641	./
Examiner Name	COOK, Lisa V.	
Attorney Docket Number	A-64559-3 (463037-00015)	/ :

U.S. PATENT DOCUMENTS						
Exeminer Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentae or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A1	4,072,576	02-07-1978	Arwin et al.		
	A2	4,713,347	12-15-1987	Mitchell et al.	7	
	A3	4,964,972	10-23-1990	Sagiv et al.	1	
	A4	5,156,810	10-20-1992	Ribi		
	A5	5,164,319	11-17-1992	Hafeman et al.		
	A6	5,180,968	01-19-1993	Bruckenstein et al.		
	A7	5,187,096	02-16-1993	Giaver et al.		
	A8	5,194,133	03-16-1993	Clark et al.		
	A9	5,200,051	04-06-1993	Cozzette et al		
	A10	5,242,828	09-07-1993	Bergstrom et al.		
	A11	5,324,457	06-28-1994	Zhang et'al.		
	A12	5,403,451	04-04-1995	Rivello et al.		
	A13	5,443,701	08-22-1995	Willner et al.	· ·	
	A14	5,491,097	02-13-1996	Ribi et al.		
	A15	5,605,662	02-25-1997	Heller et al.	·	
•	A16	5,632,957	05-27-1997	Heller et al.		
•	A17	5,952,172	09-14-1999	Meade et al.		
	A18	6,013,170	01-11-2000	Meade	·	
	A19	6,013,459	01,-11-2001	Meade		
	A20	6,063,573	05-16-2000	Kayyem	·	
	A21	6,071,699	/ 06-06-2000	Meade et al.		
	A22	6,087,100	/ 07-11-2000	Meade et al.		
	A23	6,090,933	07-18-2000	Kayyem et al.		
	A24	6,096,273	08-01-2000	Kayyem et al.		
	A25	6,177,250 B1/	01-23-2001	Meade et al.		
	A26	6,180,352 B1	01-30-2001	Meade et al.		
	A27	6,200,761 B1	03-13-2001	Meade et al.		
	A28	6,221,583 B1	04-24-2001	Kayyem et al.		
	A29	6,232,062 B1	05-15-2001	Kayyem et al.		
	A30	,6,238,870 B1	05-29-2001	Meade et al.		
	A31	/ 6,248,229 B1	06-19-2001	Meade		
	A32	/ 6,258,545 B1	07-10-2001	Meade et al.		

Date Considered Examiner 12/05 Aisa. Signature

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	A33	6,264,825 B1	07-24-2001	Blackburn et al.			
	A34	6,268,149 B1	07-31-2001	Meade et al.			
	A35	6,268,150 B1	07-31-2001	Meade et al.			
	A36	6,277,576 B1	08-21-2001	Meade et al.			
	A37	6,290,839 B1	09-18-2001	Kayyem et al.			
	A38	6,479,240 B1	11-12-2002	Kayyem et al.			
-	A39	6,495,323 B1	12-17-2002	Kayyem et al.	:		
	A40	6,528,266 B2	03-04-2003	Meade et al.			
	A41	6,541,617 B1	04-01-2003	Bamdad et al.			
	A42	6,600,026 B1	07-29-2003	Yu .			
	A43	6,686,150 B1	02-03-2004	Blackburn et al.	·		
	A44	6,740,518 B1	05-24-2004	Duong et al.			
	A45	6,753,143 B2 ·	06-22-2004	Tao et al.			
	A46	6,761,816 B1	07-13-2004	Blackburn et al.			
	A47	2001/0034033 A1	10-25-2001	Meade et al.			
	A48	2002/0006643 A1	01-17-2002 🦯	Kayyem et al.			
	A49	2002/0009810 A1	01-24-2002	O'Connor et al.			
	A50	2002/0033345 A1	03-21-2002	Meade			
	A51	2002/0177135 A1	11-28-2002	Duong et al.			
	A52	2003/0003473 A1	01-02-2003	Kayyem et al.			
	A53	2003/0148328 A1	/ 08-07-2003	Kayyem et al.			
	A54	2003/0150723 A1	08-14-2003	Kayyem et al.			
	A55	2003/0170677 A1 /	09-11-2003	Meade et al.			
	A56	2003/0232354 A1	12-18-2003	Yu et al.			
	A57	2004/0053290 A1	03-18-2004	Terbrueggen et al.			
	A58	2004/0101890 A1	05-27-2004	Meade et al.			
	A59	2004/01/46909 A1	07-29-2004	Duong et al.			
	A60	2005/0003398 A1	01-06-2005	Tao et al.			
	A61	2005/0003399 A1	01-06-2005	Blackburn et al.			

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Examiner Liòa.	L Cock	Date Considered	5/12/05	

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	B1	EP 0 339 821 A1	11-02-1989	Únited Kingdom Atomic Energy Authority		

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
	C1	EWING, A., et al., "Electrochemical detection in microcolumn separations," Anal. Chem. 66(9):527A-537A (May. 1994).	

Examiner Signature	isa. I Cook	Considered 5/12/05	

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